

537,591.3
618888. Measurements of the absorption coefficient μ for
nuclearly active particles of high energy. K. P.
RYZHIKOVA AND L. L. SARYCHEVA. *Zh. eksper. teor.
Fiz.*, 28, No. 5, 618-79 (1955) in Russian.
Measurements were made at sea level and at an
altitude of 3860 m, using a large-area detector.
Lead filters placed above the counters absorbed the
electron-photon component and produced electron-
nuclear showers under the action of nuclearly active
particles. These showers fell on counters separated
by lead. There was also a counter one metre away to
record extensive showers. The hodoscopic equip-
ment was operated by a shower of at least three
particles, at least two of which were of penetrating
type. A discussion of the results is given; it is shown
that most of the energy of the incident nucleon goes
to only one of the secondary particles. J. B. SYKES

(1)

SARYCHEVA, L. I.

56-2-8/47

AUTHOR
TITLE

IVANOVSKAYA, I.A., KULIKOV, G.V., RAKOBOISKAYA, I.V., SARYCHEVA, L.I.
Cloud Chamber Investigation of the Electron-Photon Component of ex-
tensive Air Showers at Sea Level

PERIODICAL

(Issledovaniya elektronno-fotonnoy komponenty shirokikh atmosferykh
livney na urovne morya pri pomoshchi kamery Vilsona. Russian)
Zhurnal Eksperim. i Teoret. Fiziki 1957, Vol 33, Nr 2 (8), pp 358 -
- 364 (U.S.S.R.)

ABSTRACT

By means of a Wilson chamber located at sea level the energy spectrum
of the electron-photon component of a broad atmospheric shower with
different numbers of particles and different axis spacings was in-
vestigated. A dependence of energy spectra of the number of particles
in broad showers was not observed. In a large distance from the sho-
wer axis the energy spectrum becomes "softer". The experimentally
found share of high-energy electrons in different axial spacings can-
not be brought into line with the number computed by means of the
cascade theory.

For an axial spacing of 2 - 10 m the spatial distribution of the ener-
gy flow, of the electron-photon component of the shower can be appro-
ximated by the law r^{-n} . $n = 2,0 + 0,5$.

(With 2 tables, 5 illustrations, and 8 Slavic references).

Card 1/2

САРЫЧЕВА, Л. И.
AUTHORS: Abrosimov, A. T., Goman'kov, V. I., Ivanovskaya, I.A. 56-5-4/40
Sarycheva, L. I.

TITLE: The Angular Distribution of the Axes of Extensive Air Showers at Sea Level (Uglovoye raspredeleniye osey shirokikh atmosferykh livney na urovne morya)

PERIODICAL: Zhurnal Eksperimental'noy i Teoreticheskoy Fiziki, 1957, Vol. 33, Nr 5, pp. 1110-1115 (USSR)

ABSTRACT: By means of an equipment manufactured in 1954 and consisting of a cloud chamber (60 x 60 x 30cm) and 288 hodoscopic counter tubes, the angular distribution of the axes of extensive air showers was measured also. The extension chamber served for the determination of the orientation of the particles, for the observation of the interaction of the high-energetic particles with the lead atoms and for measuring of both the electron and photon energy. 72 counters were combined in the hodoscopic points. (13 x 24 with 330, 100 and 24 cm² measuring surface) permitting the measurement of the particle density in 4 points of the cross-section of the shower. From this the orientation of the axes of a shower can be determined. The angular distribution of the axes of extensive showers was measured in the intervals: 0 to 10°, 10 to 20°

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The Angular Distribution of the Axes of Extensive Air Showers at Sea 56-5-4/46 Level.

20-30°, 30 to 40°, 40 to 50°. If the angular distribution is represented by terms of $\cos^n \theta$ the value $8,3 \pm 1,4$ is obtained for n. There are 3 tables, 4 figures, and 4 Slavic references.

ASSOCIATION: Moscow State University, Physics Institute imeni P.N.Lebedev of AN USSR (Moskovskiy gosudarstvennyy universitet, Fizicheskiy institut im. P. N. Lebedeva, Akademii nauk SSSR)

SUBMITTED: May 8, 1957

AVAILABLE: Library of Congress

Card 2/2

VIL'SON, Dzh. [Wilson, J.G.], red.; BAYYER, V.N. [translator]; MAKSIMENKO, V.M. [translator]; SARYCHEVA, L.I. [translator]; BIRGER, N.G., red.; ROZENTAL', I.L., red.; NAKHIMSON, I.G., red.; KHAR'KOVSKAYA, L.M., tekhn.red.

[Physics of cosmic rays; modern achievements] Fizika kosmicheskikh luchei; sovremennye dostizhenia. Sost. gruppoi avtorov. Pod red. Dzh.Vil'sona. Moskva, Izd-vo inostr.lit-ry. Vol.3. 1958. 444 p.
Translated from the English. (MIRA 13:6)
(Cosmic rays)

SARYCHEVA, L. I.

AUTHORS: Ivanovskaya, I. A., Sarycheva, L. I., Chikin, P. S. 56-1-8/56

TITLE: Cloud Chamber Investigation of the Nuclear-Active Component of Wide Atmospheric Showers (Izucheniye yadernno-aktivnoy komponenty shirokikh atmosferykh livney pri pomoshchi kamery Vil'sona).

PERIODICAL: Zhurnal Eksperimental'noy i Teoreticheskoy Fiziki, 1958, Vol. 34, Nr 1, pp. 45-52 (USSR).

ABSTRACT: By means of a cloud chamber with seven lead plates the authors investigated the nuclear interactions which are caused by the particles of wide atmospheric showers. In this context a particle is defined as nuclear-active if it is creates in the lead plates of the cloud chamber a shower satisfying certain conditions specified here. At the beginning the spatial distribution of the nuclear-active particles is investigated. The authors determined the current density $\rho_{\text{nuclear-active}}(r)$ of the nuclear-active particles in a wide nuclear-active shower in different center distances by using a well-known formula. A diagram shows the results for wide showers with an average number of $2 \cdot 10^5$ particles. As a result of the great

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Cloud Chamber Investigation of the Nuclear-Active Component
of Wide Atmospheric Showers.

56-1-8/56

statistical errors it is impossible to describe the exact form of the spatial distribution of the nuclear-active particles. But the distribution received here is not contradictory to a distribution of the type r^{-n} , with the value of n close to 1. Two main groups of nuclear electron showers can be distinguished: showers with narrow electron cascades, and those with no electron cascades of high energy. A characteristic feature of the first group of showers is the narrow angular distribution of the particles and the high energy of the neutral pions which form the beginning of the electron-photon cascades. The showers of the second group have a wide angular distribution of the particles and a comparatively low energy of the neutral pions. Besides these two main groups of nuclear electron showers two small groups were found. The next passage deals with the determination of the energy of nuclear-active particles by means of the different methods suited to each of these groups. About one half of the nuclear-active particles are charged, the rest is neutral. He can be concluded from this that the nuclear-active component of wide showers at sea level with the energy of

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Cloud Chamber Investigation of the Nuclear-Active Component
of Wide Atmospheric Showers.

56-1-8/56

10^9 - 10^{10} eV chiefly consists of nucleons. There are 6
figures, 4 tables, and 8 references, 5 of which are Slavic.

ASSOCIATION: **Moscow State University** . Physical Institute imeni P.N.
Lebedev of the AN USSR (Moskovskiy gosudarstvenny uni-
versitet. Fizicheskiy institut imeni P.N. Lebedeva Akademii
nauk SSSR).

SUBMITTED: July 25, 1957

AVAILABLE: Library of Congress

Card 3/3

SARYCHEVA, L.I.

S/058/61/600/010/020/100
A001/A101

AUTHORS: Babayan, Kh.P., Grigorov, N.L., Dubrovin, M.M., Mishchenko, L.G.,
Murzin, V.S., Sarycheva, L.I., Sobinyakov, V.A., Rappoport, I.D.

TITLE: Investigation of interaction of 10^{11} - 10^{12} ev energetic particles
with nuclei of iron and graphite

PERIODICAL: Referativnyy zhurnal. Fizika, no. 10, 1961, 96-97, abstract 10B506
("Tr. Mezhdunar. konferentsii po kosmich. lucham, 1959, v. 1", Mos-
cow, AN SSSR, 1960, 176 - 182)

TEXT: The authors present the results of an investigation, carried out by
means of an ionization calorimeter, of interactions of 10^{11} - 10^{12} ev particles
with nuclei of iron and graphite on the Aragats mountain (3,200 m above sea level).
It is shown that: 1) Coefficient of inelasticity of interaction of particles
with energy $E_0 \gg 2 \times 10^{11}$ ev with iron-nuclei $\bar{\alpha}_{Fe} = 1.0 \pm 0.09$; 2) In the inter-
action with the iron nucleus of a 2×10^{11} ev nucleon, one energetically outstand-
ing particle is produced with average energy of $\sim E_0$, probability of this occur-
rence being close to unity; most probable this particle is a π -meson; 3) The
mean coefficient of inelasticity of interactions of particles with $E_0 \gg 10^{11}$ ev

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S/O58/61/000/010/020/100
A001/A101

Investigation of interaction ...

with carbon nuclei $\alpha_0 \leq 0.5 \bar{\alpha} \cdot \bar{\alpha}_0$; 4) the experimental data obtained for $\bar{\alpha} \cdot \bar{\alpha}_0$ and $\alpha_0/\alpha_{Fe} \leq 0.5$ rule out the possibility of consecutive collisions with individual nucleons of the nucleus (or small groups of nucleons) at interactions of particles with energies $\geq 10^{11}$ ev with heavy nuclei; 5) in the energy range of nucleons $10^{10} - 10^{11}$ ev the interaction with heavy nuclei changes its nature.

L. Dorman

[Attractor's note: Complete translation]

Card 2/2

S/053/63/079/003/003/003
B117/B186

AUTHORS: Birger, N. G., Mikhaylov, V. D., Rozental', I.L., Sarycheva,
L. I.

TITLE: Strong interactions at high energies

PERIODICAL: Uspekhi fizicheskikh nauk, v. 79, no. 3, 1963, 523 - 544

TEXT: In this survey of papers by western and Soviet authors, published from 1949 through 1962, experimental data on the interaction of high-energy particles are compared with the theory. The following problems are handled: (1) Main theoretical results; (a) polar approximation; (b) method of complex orbital momenta; (c) relationship between the cross sections (nuclear cross sections); theorem of Pomeranchuk (I. Ya. Pomeranchuk, ZhETF 34, 725 (1958)). (2) Interaction cross section of pions and nucleons of energies of 2 to 28 Bev with nucleons; (a) total interaction cross section of particles and antiparticles with protons; (b) elastic scattering of protons and pions. (3) Interaction cross section of high-energy pions and nucleons with atomic nuclei; (a) particularities in the measurement of the interaction cross sections of cosmic particles; (b)
Card 1/2

Strong interactions at ...

S/053/63/079/003/003/003
B117/B186

determination of the interaction cross sections in air which is based on the measurement of the absorption of the nucleon component; (c) determination of the interaction cross sections of particles of ultra high energy, $> 10^4$ Bev. There are 12 figures, 5 tables, and 83 references.

Card 2/2

ALEKSEYEVA, K.I.; GRICOROV, N.I.; YEROFYEVA, I.N.; MISHCHENKO, I.G.;
MURZIN, V.S.; NAUMOV, I.D.; SARYCHEVA, L.I.; SOBENYAKOV, V.A.;
TITENKOV, A.F.

Nuclear-active cosmic ray particles at mountain heights and
the characteristics of their interaction with carbon nuclei.
Izv. AN SSSR. Ser. fiz. 28 no.11:1794-1797 N '64.

(MIRA 17:12)

1. Nauchno-issledovatel'skiy institut yadernoy fiziki Moskovskogo
gosudarstvennogo universiteta.

GRIGOROV, N.L.; YEROFYEVA, I.N.; MISHCHENKO, L.G.; MURZIN, V.S.;
RAPOPORTM I.D.; SARYCHEVA, L.I.; SOBINYAKOV, V.A.

Interaction paths of nuclear-active particles with energies
 $\sim 10^{11}$ ev. Izv. AN SSSR. Ser. fiz. 28 no.11:1798-1800 N '64.

Absolute intensity and the energy spectrum of nuclear-active
particles at an altitude of 5260 m. above sea level.

Ibid.:1801-1802

(MIRA 17:12)

1. Nauchno-issledovatel'skiy institut yadernoy fiziki
Moskovskogo gosudarstvennogo universiteta.

Sarycheva, L. N.

REZNIKOVA, L.S.; SARYCHEVA, L. N.

Martsissov's active modification in serodiagnosis of syphilis.
Vest. vener., Moskva no. 3:38-39 May-June 1952. (GIML 22:4)

1. Candidate Biological Sciences for Reznikova. 2. Of the Sero-^{Sci. Res.}
logical Laboratory (Head -- Prof. N. M. Ovchinnikov), Central Skin-
Venereological Institute (Director -- Candidate Medical Sciences N. M.
Turanov).

REZNIKOVA, L.S.; SARYCHEVA, L.N.

Sedimentation reaction in vitro with cardiolipin antigen for use
in serodiagnosis of syphilis. Zhur. mikrobiol. epid. i immun.
no.6:67 Je '54. (MIRA 7:7)

1. Iz Tsentral'nogo kozhno-venerologicheskogo instituta Mini-
sterstva zdravookhraneniya SSSR. (CARDIOLIPIN)
(SYPHILIS--DIAGNOSIS)

SARYCHVA, L. N.

"The Cold Method of Prolonged Complement Fixation and Its Importance in the Diagnosis of Syphilis." Cand Med Sci, Gor'kiy State Medical Inst imeni S. M. Kirov, Gor'kiy, 1955. (KL, No 13, Mar 55)

SO: Sum. No. 670, 29 Sep 55--Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (15)

Sarycheva, L. N.

✓ Serological and electrophoretic study of sera dried with addition of a stabilizer in serodiagnosis of syphilis. L. S. Reznikova, E. A. Ievleva, L. N. Sarycheva, and R. S. Petrova. *Vestnik Venerol. i Dermatol.* 30, No. 2, 25-8 (1954).—Serum dried without a stabilizer (40% sugar) shows a decline in serological potency as well as changes in the electrophoretic pattern, which indicates the loss of globulin and a merger of the globulin fractions, which remain, into a single electrophoretic peak. C. M. K.

Med

4

GEROL'SKAYA, L.S., kand.tekhn.nauk; SARYCHEVA, N.P., kand.tekhn.nauk;
CHERKINSKIY, Yu.S., kand.tekhn.nauk

Depot gate of corrugated fiber glass. Transp. stroi. 16
no.1:27-28 Ja '66. (MIRA 19:1)

ONUFRIYEV, Timofey Grigor'yevich, dots.; SHATNEV, Boris Nikolayevich, dots.; IVAN'KO, Timofey Yakovlevich, inzh.; GEROL'SKAYA, Lyudmila Sergeevna, dots.; SARYCHEVA, Nina Petrovna, dots.; KOSTYAYEV, Sergey Petrovich, inzh. [deceased]; YEGOROV, L.P., dots., retsenzent; ZAYCHENKO, I.R., dots., retsenzent; HYALYNITSKIY, V.A., inzh., retsenzent; CHERKASHIN, N.A., inzh., retsenzent; DYNER, I.I., inzh., retsenzent; PAUL', V.P., inzh., red.; NEKLEPAYEVA, Z.A., inzh., red.; MEDVEDEVA, M.A., tekhn. red.

[Buildings in railroad transportation] Zdaniia na zheleznodorozhnom transporte. Moskva, Tranzzheldorizdat, 1962. 408 p. (MIRA 15:6)
(Railroads--Buildings and structures)

SARYCHEVA, N.P., kand. tekhn. nauk; CHERKINSKIY, Yu.S., kand.
tekhn. nauk

Use of polymer-cement concrete for floors of railroad buildings.
Transp. stroi. 13 no.5:64-66 My '63. (MIRA 16:7)

(Railroads—Buildings and structures)
(Floors, Concrete)

GEROL'SKAYA, L.S., kand. tekhn. nauk; SARYCHEVA, N.P., kand. tekhn. nauk

Polystyrene tiles for the walls of inspection pits in depots. Transp.
stroj. 15 no.7:23-25 J1 '65. (MIRA 18:7)

GEROL'SKAYA, L.S., kand. tekhn. nauk; SARYCHEVA, N.P., kand. tekhn. nauk;
SHOKOREV, A.M., inzh.

Experimental washing and scavenging booth for locomotives.
Transp. stroi. 14 no.9:30-32 S '64 . (MIRA 18:1)

SOV/20-126-1-48/62

17(4)

AUTHORS:

Khesin, Ya. Ye., ~~Sarycheva, O. F.~~, Mastyukova, Yu. N.

TITLE:

Changes in the Volume of Nuclei of the Hep-2-culture Taking Place Under the Influence of Smallpox Vaccine (Izmeneniye ob'yemov yader kul'tury Hep-2 pod vliyaniyem virusa ospenny vaksiny)

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 126, Nr 1, pp 175-178 (USSR)

ABSTRACT:

As is known, the dimensions of the cell nuclei of different organs in various species of animals are considerably constant (Refs 1-4). The nuclei of every species have a special size and cannot be smaller than that. These sizes are the first category of the volume of nuclei; nuclei of other cells of the species concerned, have the volumes 2, 4, 8, 16 times etc as big as category I. The variation curves of the volumes of nuclei calculated according to the usual methods of variation-statistics, have an unsymmetrically enlarged right section. This proves (Ref 5) the tendency towards enlargement of the cells, contrasted by a restricting action of the organism as a whole. If this action is stopped or reduced (by explantation, denervation, or

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SOV/20-126-1-48/62

Changes in the Volume of Nuclei of the Hep-2-culture Taking Place Under the Influence of Smallpox Vaccine

by chemical poisoning and bacterial toxication as well as by malignization (Refs 5-9)), the cells grow a little. This may also occur temporarily or be functionally conditioned in glands. When they studied the subject mentioned in the title, the authors found a surprising enlargement of the cells (Fig 1). Figure 2 shows a symplast section in a single-layered Hep-2-culture after an infection with the virus given in the title. Figure 3 shows a variation curve of the volumes of nuclei. Figure 4 illustrates the mitotic activity in the infected cultures. From the achieved results the authors drew the following conclusions: 1) The cell nuclei of the breed mentioned in the title are enlarged by 13-17% under the influence of smallpox vaccine. 2) The mitotic activity is reduced due to the influence mentioned above. The number of the multinuclear elements increases. This leads to the formation of gigantic symplasts containing sometimes several hundreds of nuclei. 3) The formation of these symplasts takes place in relation with a diminution of their nuclei to about half of their size. This seems to prove the development of the symplasts caused by amitosis of

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SOV/20-126-1-48/62

Changes in the Volume of Nuclei of the Hep-2-culture Taking Place Under the Influence of Smallpox Vaccine

nuclei without being followed by a zytotomy. There are 4 figures, 1 table, and 19 references, 4 of which are Soviet.

ASSOCIATION: Moskovskiy nauchno-issledovatel'skiy institut preparatov protiv poliomielifita (Moscow Scientific Research Institute for Preparations Against Poliomyelitis)

PRESENTED: January 21, 1959, by N. N. Anichkov, Academician

SUBMITTED: January 16, 1959

Card 3/3

MIRONOVA, L.L.; SARYCHEVA, O.F.; LASHKEVICH, V.A.

Unique pathological changes of unknown etiology in the cells of a
monkey kidney tissue culture. Vop.virus 7 no.5:615-616 S-O '62.
(MIRA 15:11)

1. Institut poliomyelita i virusnykh entsefalitov AMN SSSR,
Moskva.

(TISSUE CULTURE) (VIRUSES)

SARYCHEVA, T.

Civil Air Fleet is a member of the International Association
of Aerial Communication. Grazhd.av. 17 no.1:33 Ja '60.

(MIRA 13:5)

(Aeronautics--Communications systems)

MIRONOVA, L.L.; GOL'DRIN, N.Ye.; SARYCHEVA, O.F.

Studies on cellular strains from human organs and tissues. I.
Obtaining of strains and study of their sensitivity to some
viruses. Vop. virus 9 no.4:490-493 J1-Ag '64.

(MIRA 18:7)

1. Institut poliomyelita i virusnykh ertsefalitov AMN SSSR,
Moskva.

SARYCHEVA T.G.: SOKOL'SKAYA A.N.

Mbr., Paleontology Institute, Acad. Sci. 1947

"New Data on the Distribution of Striatifera Striata Fisch" Dok. AN, 56, No.1, 1947.

SARYCHEVA, T.G.

SOKOL'SKAYA, A.N.; OBRUCHEV, otvetstvennyy redaktor; ~~SARYCHEVA, T.G.~~
redaktor vypuska; AMLINSKIY, I.Ye., redaktor izdatel'stva;
DIKOV, V.N., tekhnicheskii redaktor.

[Evolution of the genus Productella Hall and allied forms in the
Paleozoic of the Moscow Basin.] Evoliutsiia roda Productella Hall
i smezhnykh s nim form v paleozoe Podmoskovnoi kotloviny. Moskva,
izd-vo Akad. nauk SSSR, 1948. 167 p. (Akademiia nauk SSSR.
Paleontologicheskii institut. Trudy, vol.14, no.3) (MLRA 10:7)
(Moscow Basin--Brachiopoda, Fossil)

SARYCHEVA, T. G.

Mbr., Inst. Paleontology, Dept. Biol. Sci., Acad. Sci., -c1948-. "Experimental Application of the Graph Method for Studying Variations in Productias," Iz. Ak. Nauk SSSR, Ser. Biol. Noil, 1948; "Problems of Growth Variations in the Productidae Crustaceans," ibid., No. 2, 1948; "Against the Pragmatism of Some American Paleontologists and Practical Problems of Soviet Paleontology," Iz. Ak. Nauk SSSR, Ser. Geol., No. 5, 1950.

SARYCHEVA, T. G.

21557

SARYCHEVA, T. G.

O prizhiznennykh povrezhdeniyakh rakovin kamennougol'nykh produktid.
Trudy Paleontol. in - ta (Akad. nauk SSSR), t. XX, 1949, s. 280 - 92.
Bibliogr: s. 219-92.

SO: Ietopis' Zhurnal'nykh Statey, No. 29, Moskva, 1949.

SARYCHEVA, T. G.

168T39

USSR/Geology - Paleontology
Classification

Sep/Oct 50

"Against the Pragmatism of Some American Paleontologists and Practical Problems of Soviet Paleontology,"
T. G. Sarycheva

~~Tr. Ak Nauk SSSR, Ser Geol~~ "No 5, pp 8-16

Scores idealistic errors in classifying fossils, particularly J. M. Weller's artificial morphological classification ("Jour of Paleontol.", Vol XXIII, No 6 1949). Says study of fossils in their phylogenetic development on background of geological history of particular basin is only correct method.

168T39

SARYCHEVA, T.G.

Possibility of expressing in figures the age changes in productids.
Bul. MOIP. Otd. geol. 26 no.6:38-45 '51. (MIRA 11:5)
(Brachiopoda, Fossil)

SARYCHEVA, T. G.

USSR/Geophysics - Paleontology

May/June 52

"Paleontologic Determinators and Their Value in Geological Practice," T.G. Sarycheva

"Iz Ak Nauk, Ser Geolog" No 3, pp 107-117

Discusses application of paleontologic method to geological research. Finds that compilations of regional determinants, analogous to widely known specifications in botany and zoology, are indispensable. Specifications should be compiled in regions most important for agriculture and according to fossils important to stratigraphy.

220166

1. SARYCHEVA, T. G.
2. USSR (600)
4. Paleontology
7. Present state of Soviet paleontology. Izv. AN SSSR. Ser. biol, no. 4, 1952

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

SARYCHEVA, T.G.; SOKOL'SKAYA, A.N. [authors]; STEPANOV, D.I. [reviewer].

New type of paleontological publication ("Guide to Paleozoic brachiopods of the Moscow Basin." T.G.Sarycheva, A.N.Sokol'skaia. Reviewed by D.I.Ste-
panov). Izv.AN SSSR. Ser.geol. no.4:136-138 J1-Ag '53. (MIRA 6:8)
(Sarycheva, T.G.) (Sokol'skaia, A.N.) (Moscow Basin--Brachiopoda,
Fossil) (Brachiopoda, Fossil--Moscow Basin)

SARYCHEVA, T.G.; SOKOL'SKAYA, A.N. [authors]; VARSANOF'YEVA, V.A. [reviewer].

"Guide to Paleozoic brachiopods of the Moscow Basin." T.G.Sarycheva, A.N.
Sokol'skaia. Reviewed by V.A.Varsanof'eva. *Biul.MOIP. Otd.geol.* 28 no.3:
74-75 '53. (MIRA 6:11)
(Moscow Basin--Brachiopoda, Fossil) (Brachiopoda, Fossil--Moscow Basin)
(Sarycheva, T.G.) (Sokol'skaia, A.N.)

SARYCHEVE, T. G.

The Committee on Stalin Prizes (of the Council of Ministers USSR) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prizes for the years 1952 and 1953. (Sovetskaya Kultura, Moscow, No. 22-40, 20 Feb - 3 Apr 1954)

<u>Name</u>	<u>Title of Work</u>	<u>Nominated by</u>
Sarycheve, T. G.	"Handbook of Paleozoic Brachypods of the Moscow Basin"	Paleontological Institute, Academy of Sciences USSR

SO: W-30604, 7 July 1954

SARYCHEVA, T.G.

The state and problems of Soviet paleontology. Izv. AN SSSR Ser.geol.
no.3:167-168 My-Je '54. (MIRA 7:8)
(Paleontology)

SARYCHEVA, T. G.

USSR/Geology Paleontology

Card : 1/1

Authors : Sarycheva, T. G., Professor

Title : ~~XXXXXXXXXXXXXXXXXXXX~~
The most important problems of Soviet paleontology

Periodical : Priroda, 43/7, 62 - 65, July 1954

Abstract : The science of paleontology is briefly explained. The article is mainly devoted to a discussion of the need for making available to paleontological scientists all related scientific knowledge necessary to interpret the paleontological findings.

Institution :

Submitted :

SOKOL'SKAYA, A.N.; SARYCHEVA, T.G., otvetstvennyy redaktor;
MERLIN, R.L., redaktor; ~~Ushakov, Ye.D.~~, tekhnicheskiy re-
daktor.

Strophomenidae of the Russian Platform. Trudy Paleont. inst.
51:3-191 '54. (MIRA 8:2)
(Russian Platform--Brachiopoda, Fossil)

MOROZOVA, I.P.; SARYCHEVA, T.G., redaktor; SHEVCHENKO, G.N., tekhnicheskii redaktor

[Carboniferous bryozoa of the middle Don Valley] Kamennougol'nye mshanki Srednego Dona. Moskva, Izd-vo Akademii nauk SSSR, 1955. 90 p. (Akademia nauk SSSR. Paleontologicheskii institut. Trudy, vol.58) (MIRA 8:9)

(Don Valley--Polyzoa, Fossil)

SHUL'GA-NESTERENKO, M.I.; SARYCHEVA, T.G., redaktor; KORDE, K.B., redaktor
ALEKSEYEVA, T.V., tekhnicheskii redaktor

[Carboniferous Bryozoa of the Russian Platform] Kamennougol'nye
mshanki Russkoi platformy. Moskva, Izd-vo Akademii nauk SSSR,
1955. 207 p. (Akademiia nauk SSSR. Paleontologicheskii institut.
Trudy, no.57) (MIRA 8:9)
(Russian Platform--Polyzoa, Fossil)

15-57-4-4111

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 4,
pp 8-9 (USSR)

AUTHORS: Sarycheva, T. G., Sokol'skaya, A. N., Rozonova, Ye. D.

TITLE: The Boundary Between the Visean and Tournaisian Stages
in the Kuznets Basin (O granitse vizeyskogo i turney-
skogo yarusov v Kuznetskom bassejne)

PERIODICAL: Sov. geologiya, 1955, Sb 45, pp 144-160.

ABSTRACT: New studies of the fossils and lithology of the Lower
Carboniferous rocks of the Kuznetsk Basin introduce
several changes in the existing stratigraphic nomen-
clature (Rotay, A. P., Tsentr. n.-i. geol.-razved.
in-ta, 1938, vyp. 102, 3-98). The horizon is taken as
the fundamental stratigraphic subdivision. At the base
of the Visean, together with the Pod'yakova zone of
Rotay, the author recognizes the Mozhukha horizon,
which is lithologically extremely variable in the
different regions of the Kuznets Basin. Tuffaceous
beds of variable thickness occur everywhere at the base

Card 1/2

15-57-4-4111

The Boundary Between the Visean and Tournaisian (Cont.)

of this horizon. Limestones with normal marine fauna occur only in the northern half of the basin and in the Salair region. A fundamental facies differentiation appeared in separate regions of the Kuznets Basin even during deposition of the continuous beds of Tournaisian limestones. The shallower water parts of the basin are clearly traced by the distribution of algal, oolitic, and other types of shallow-water calcareous sediments in them, and also by the systematic change in the groups of fossils occurring in them. In the shallow-water parts of the sea, groups of brachiopods are distinguished by their paucity. The predominant forms are Schuchertella, Chonetes, Athyris, and Camarotoechia. Representatives of the last genus were able to carry over into more unfavorable environments. As a consequence of this, identical facies of different ages show a similarity in the general features of the fossil groups, a fact that may be the cause of existing errors in determining the stratigraphic position of any particular sequence of beds. However, the specific content of groups of different ages is generally distinctive.

Card 2/2

T. G. S.

PROTSVETALOVA, T.N.; SARYCHEVA, T.G.; SOKOL'SKAYA, A.N.

Lower Carboniferous age of the Ostrog series in the Kuznetsk Basin.
Izv.AN SSSR.Ser.geol. 21 no.2:86-100 F '56. (MLRA 9:5)

1. Paleontologicheskij institut AN SSSR, Moskva.
(Kuznetsk Basin--Geology, Stratigraphic)

SPIZHARSKIY, T.N., red.; TOLSTIKHINA, M.A., red.; BODYLEVSKIY, V.I., red.; BOCH, S.G., red. [deceased]; VASILENKO, V.K., red.; DODIN, A.L., red.; DOMRACHEV, S.M., red.; KRASNOV, I.I., red.; MELESHCHENKO, V.S., red.; MENNER, V.V., red.; NIKIFOROVA, O.I., red.; OBRUCHEV, S.V., red.; RZHONSNITSKAYA, M.A., red.; ROSTOVTSSEV, N.N., red.; SAKS, V.N., red.; SARYCHEVA, T.G., red.; FOMICHEV, V.L., red.; CHERNYSHEVA, N.Ye., red.; YAKOVLEV, S.A., red.; RAGINA, G.M., vedushchiy red.; YASHCHURZHINSKAYA, A.B., tekhn.red.

[Proceeding of the Interdepartmental Conference on the Development of a Unified System for the Stratigraphy of Siberia; reports on the stratigraphy of Mesozoic and Cenozoic deposits] Trudy Mezhdomstvennogo soveshchaniya po razrabotke unifitsirovannykh stratigraficheskikh skhem Sibiri; doklady po stratigrafii mezozoiskikh i kainozoiskikh otlozhenii. Leningrad, Gos.nauchno-tekhn.izd-vo nef. i gorno-toplivnoi lit-ry, Leningr. otd-nia, 1957. 575 p. (MIRA 11:6)

1. Mezhdomstvennoye soveshchaniye po razrabotke unifitsirovannykh stratigraficheskikh skhem Sibiri. Leningrad, 1956. 2. Vsesoyuznyy geologicheskii nauchno-issledovatel'skiy institut (for Spizharskiy, Tolstikhina, Boch, Dodin, Krasnov, Meleshchenko, Nikiforova, Rostovtsev, Fomichev, Chernysheva, Yakovlev). 3. Leningradskiy gornyy institut (for Bodylevskiy). 4. Vsesoyuznyy neftyanoy nauchno-issledovatel'skiy geologo-razvedochnyy institut (for Vasilenko, Domrachev). 5. Geologicheskii institut Akademii nauk SSSR (for Menner). 6. Laboratoriya dokembriya Akademii nauk SSSR (for Obruchev). 7. Institut geologii Arktiki (for Saks). 8. Paleontologicheskii institut Akademii nauk SSSR (for Sarycheva) (Siberia--Geology, Stratigraphic)

ASTROVA, Galina Grigor'yevna; SARYCHEVA, T.G., doktor biol.nauk, prof.,
otv.red.; MOROZOVA, A.P., red.izd-va; ASTAF'YEVA, A.A.,
tekhn.red.

[Silurian polyzoans of central and western Tuva]. Siluriiskie
mshanki tsentral'noi i zapadnoi Tuvy. Moskva, Izd-vo Akad.
nauk SSSR, 1959. 71 p. (Akademia nauk SSSR. Paleontologicheskii
institut. Trudy, vol.79). (MIRA 12:12)
(Tuva Autonomous Province--Polyzoa, Fossil)

SPIZHARSKIY, T.N., red.; BODYLEVSKIY, V.I., red.; BOCH, S.G., red.; VASILENKO, V.K., red.; DODIN, A.L., red.; DOMRACHEV, S.M., red.; KRASNOV, I.I., red.; MELESHCHENKO, V.S., red.; MENNER, V.V., red.; NIKIFOROVA, O.I., red.; OBRUCHEV, S.V., red.; RZHONSNITSKAYA, M.A., red.; ROSTOVTSSEV, N.N., red.; SAKS, V.N., red.; SARYCHEVA, T.G., red.; FOMICHEV, V.D., red.; CHERNYSHEVA, N.Ye., red.; YAKOVLEV, S.A., red.; SKVORTSOV, V.P., red.izd-va; PEN'KOVA, S.A., tekhn.red.

[Decisions of the Interdepartmental Conference on Making Unified Stratigraphic Charts of Siberia] Reshenia Mezhdedomstvennogo soveshchaniya po razrabotke unifitsirovannykh stratigraficheskikh skhem Sibiri. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geol. i okhrane neдр, 1959. 91 p. (MIRA 12:9)

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(Siberia--Geology, Stratigraphic)

BEZNOSOVA, Galina Aleksandrovna; SARYCHEVA, T.G., doktor biol.nauk, otv.red.;
KORDE, K.B., red.izd-va; KUZ'MIN, I.F., tekhn.red.

[Lower Carboniferous Brachiopoda in the Kuznetsk Basin; Cyrtospirifer
and Spiriferidae families] Nizhnekamennougol'nye brachiopody Kuznetsko-
go basseina. Moskva, Izd-vo AN SSSR, 1959. 131 p. (Akademiia nauk SSSR.
Paleontologicheskii institut. Trudy, vol. 75). (MIRA 12:4)
(Kuznetsk Basin--Brachiopoda, Fossil)

CHUDINOVA, Inna Ivanovna; ~~SARYCHEVA, T.G.~~ doktor biol. nauk, otv. red.;
KORDE, K.B., red. izd-va; KUZ'MIN, I.F., tekhn. red.

[Devonian *Thamoporidae* of southern Siberia] Devonskie
tammoporidy IUzhnoi Sibiri. Moskva, Izd-vo Akad. nauk
SSSR, 1959. 146 p (Akademiia nauk SSSR. Paleontologicheskii
institut. Trudy, vol. 73) (MIRA 12:3)
(Siberia--Corals, Fossil)

SARYCHEVA, T.G.

ORLOV, Yu.A., glavnyy red.; RAUZER-CHERNOUSOVA, D.M., otv.red.toma;
 FURSENKO, A.V., otv.red.toma; MARKOVSKIY, B.P., zam.glavnogo red.;
 RUZHENTSEV, V.Ye., zam.glavnogo red.; SOKOLOV, B.S., zam.glavnogo
 red.; VAKHRAMEYEV, V.A., red.; GEKKER, R.F., red.; GHOMOVA, V.I.,
 red.; DAVITASHVILI, L.Sh., red.; KRYMGOL'TS, G.Ya., red.; LUPPOV,
 N.P., red.; OBRUCHEV, D.V., red.; OVECHKIN, N.K., red.; POKROVSKAYA,
 I.M., red.; PCHELINTSEV, V.F., red.; RADCHENKO, G.P., red.; RODEN-
 DORF, B.B., red.; ROZHDESTVENSKIY, A.K., red.; SARYCHEVA, T.G.,
 red.; SUBBOTINA, N.N., red.; TAKHMADZHAN, A.L., red.; FLKROV, K.K.,
 red.; KHABAKOV, A.V., red.; CHERNYSHEVA, N.Ye., red.; KBERZIN, A.G.,
 red.; KOTLYAREVSKAYA, P.S., red.izd-va; MOSKVICHEVA, N.I., tekhn.
 red.; POLENOVA, T.P., tekhn.red.

[Fundamentals of paleontology; reference book in fifteen volumes
 for paleontologists and geologists of the U.S.S.R.] Osnovy pale-
 ontologii; spravochnik dlia paleontologov i geologov SSSR v
 platnadt sati tomakh. Moskva, Izd-vo Akad.nauk SSSR. Vol.1.
 [General part. Protozoa] Obshchaia chast'. Prosteishie. Otv.red.
 D.M.Rauzer-Chernousova, A.V.Fursenko. 1959. 481 p. (MIRA 12:7)
 (Protozoa, Fossil)

SARYCHEVA, T.G.

The genus concept in productids. Paleont. zhur. no.2:3-11 '59.
(MIRA 13:1)

1. Paleontologicheskii institut Akademii nauk SSSR.
(Brachiopoda, Fossil)

SARYCHEVA, T.G.; SOKOL'SKAYA, A.M.

Carboniferous and Permian brachiopod complexes in certain regions
of southern Siberia and the Altai. *Biul. MOIP, Otd. geol.* 34
no. 6:89-101 N-D '59. (MIRA 14:3)
(Siberia—Brachiopoda, Fossil)

3(5), 17(4)

AUTHORS:

Sarycheva, T. G. and Sokol'skaya, A. N. SOV/20-125-1-49/67

TITLE:

On the Classification of the Pseudo-punctate Brachiopods (O klassifikatsii lozhnoporistykh brakhiopod)

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 125, Nr 1, pp 181-184 (USSR)

ABSTRACT:

Since the first classifications (Beecher = Bicher, 1891, reference 1, Schuchert = Shukhert, 1929, reference 2) of brachiopods much experience has been gathered proving the incorrectness of their basis. During the past years several papers have been published, in which the usual classification is replaced by frequently only provisional, purely morphological schemes (Refs 2 - 6). In connection with writing the "Osnovy paleontologii" (Basic Trends of Paleontology) the authors arrived at the conclusion that the pseudo-punctate brachiopods are no homogenous group but 2 related, though independent, orders Strophomenida and Productida. Both of them lack a brachial apparatus and a projection capable of function in adult Productida and most of the Strophomenida. Only some old and more primitive types of the latter order have a projection.

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On the Classification of the Pseudo-punctate
Brachiopods

SOV/20-125-1-49/67

There are, however, other specific structural characteristics that separate the two groups. Productida: the dorsal valve remains in all cases concave or flat and is smaller than the ventral one. In the case of Strophomenida the dorsal valve is convex and larger than the ventral one. The areas are developed in all Strophomenidae (except Orthotetacea) on both valves have often a complicated structure with deltidium and chilidium, whereas in the case of Productida they are either not developed or have a simple structure. After having mentioned further differences, the authors describe the two orders mentioned. They say to which systematic categories set up by other authors these orders belong and deal with their phylogenesis. (Fig 1). There are 1 figure and 8 references.

ASSOCIATION: Paleontologicheskii institut Akademii nauk SSSR
(Paleontological Institute of the Academy of Sciences, USSR)
PRESENTED: November 6, 1958, by A. L. Yanshin, Academician
SUBMITTED: November 4, 1958
Card 2/2

ZHURAVLEVA, Inessa Tikhonovna; SARYCHEVA, T.G., otv.red.; RUDENSKAYA,
L.V., red.izd-va; MESSNER, O.M., red.izd-va; ASTAF'YEVA, G.A.,
tekhn.red.

[Archaeocyatha of the Siberian Platform] Arkheotsiaty Sibirskoi
platformy. Moskva, Izd-vo Akad.nauk SSSR, 1960. 343 p.

(MIRA 13:11)

(Siberian Platform--Archaeocyathidae)

ORLOV, Yu.A., glavnyy red.; MARKOVSKIY, B.P., zam.glavnogo red.;
 RUZHENTSEV, V.Ye., zam.glavnogo red.; SOKOLOV, B.S., zam.glavnogo
 red.; SARYCHEVA, T.G., otv.red.toma; VAKHRAMEYEV, V.A., red.;
 GEKKER, N.P., red.; GROMOVA, V.I., red.; DAVITASHVILI, L.Sh., red.;
 KRYMGOL'TS, G.Ya., red.; LUPPOV, N.P., red.; OBRUCHEV, D.V., red.;
 OVECHKIN, N.K., red.; POKROVSKAYA, I.M., red.; PCHELINTSEV, V.F.,
 red.; RADCHENKO, G.P., red.; RAUZER-CHERNOUSOVA, D.M., red.;
 RODENDORF, B.B., red.; ROZHDESTVENSKIY, A.K., red.; SUBBOTINA,
 N.N., red.; TAKHTADZHAN, A.L., red.; FLEROV, K.K., red.; FURSENKO,
 A.V., red.; KHABAKOV, A.V., red.; CHERNYSHEVA, N.Ye., red.;
 EBERZIN, A.G.; NEVSSKAYA, I.A., red.izd-va; POLENOVA, T.P.,
 tekhn.red.

[Fundamentals of paleontology; manual in fifteen volumes for
 paleontologists and geologists of the U.S.S.R.] Osnovy paleonto-
 logii; spravochnik dlia paleontologov i geologov SSSR v piatnadsati
 tomakh. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geol. i okhrane
 neдр. Vol.7. [Polyzoa, Brachiopoda. Supplement: Phoronidea]
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 Sarycheva. 1960. 342 p. plates. (MIRA 14:4)
 (Polyzoa, Fossil) (Brachiopoda, Fossil)
 (Phoronidea, Fossil)

MOROZOVA, Iraida Pavlova; SARYCHEVA, T.G., doktor biol.nauk, prof., otv.red.;
TIKHOMIROVA, Ye.V., red.izd-va; PASHKOVSKIY, Yu.A., red.izd-va;
GUSEVA, A.P., tekhn.red.

[Devonian Bryozoa in the Minusinsk and Kuznetsk Basins] Devonskie
mshanki Minusinskih i Kuznetskoi Kotlovin. Moskva, Izd-vo Akad.
nauk SSSR, 1961. 206 p. (Akademia nauk SSSR. Paleontologicheskii
institut. Trudy, vol.86) (MIRA 14:3)
(Minusinsk Basin—Polyzoa, Fossil) (Kuznetsk Basin—Polyzoa, Fossil)

OBRUCHEV, D.V.; SARYCHEVA, T.G.

Aleksei Alekseevich Borisiak, organizer of Soviet paleontological science; on the 90th anniversary of his birth. Paleont. zhur. no.4:3-11 '62. (MIRA 16:1)

1. Paleontologicheskii institut AN SSSR.
(Borisiak, Aleksei Alekseevich, 1872-1944)

ASTROVA, Galina Grigor'yevna; SHISHOVA, Nina Aleksandrovna;
SARYCHEVA, T.G., otv. red.; MOROZOVA, I.P., red.izd-va;
ZUDINA, V.I., tekhn. red.

[Directions for collecting and studying fossil Polyzoa]
Nastavlenie po sboru i izucheniiu iskopaemykh mshanok. Mo-
skva, Izd-vo AN SSSR, 1963. (Nastavlenie po sboru i izuche-
niiu iskopaemykh organicheskikh ostatkov, no.7)

(MIRA 16:7)

(Polyzoa, Fossil)

SARYCHEVA, T.G.; SOKOL'SKAYA, N.A.; MAKSIMOVA, S.V.; BEZNOSOVA, G.A.

Facies zonation of brachiopods in the Carboniferous seas of
the Kuznetsk Basin. Paleont.zhur. no.4:58-69 '62. (MIRA 16:1)

1. Paleontologicheskii institut AN SSSR.
(Kuznetsk Basin--Brachiopoda, Fossil)

BEZNOVA, R.A.; BENEDIKTOVA, R.V.; SARYCHEVA, T.G.; SOKOL'SKAYA, A.N.

Phylum Brachiopoda. Trudy SNIIGGIMS no.21:143-184 '62.
(MIRA 16:12)

IVANOVA, Ye.A.; SARYCHEVA, T.G.; KALANTAROV, A.P., red.izd-va;
GUS'KOVA, O.M., tekhn. red.

[Directions for collecting and studying Brachiopoda]
Nastavlenie po sboru i izucheniiu brachiopod. Moskva,
Izd-vo AN SSSR, 1963. 73 p. (Nastavleniia po sboru i
izucheniiu iskopaemykh organicheskikh ostatkov, no.10)
(MIRA 17:3)

ROZOVSKAYA, Sof'ya Yevseyevna; SARYCHEVA, T.G., otv.red.; OVCHINNIKOVA, S.V.,
red.izd-va; DOROKHINA, I.N., tekhn.red.

[Ancient representatives of fusulinids and their ancestors]
Drevneishie predstaviteli fuzulinid i ikh predki Moskva, 1963.
117 p. illus. (Akademia nauk SSSR. Paleontologicheskii institut,
Trudy, no.97). (MIRA 17:3)

SARYCHEVA, T.G.

Oldhaminid brachiopods from the Permian in Transcaucasia. Paleont.
zhur. no.3:58-72 '64. (MIRA 18:2)

1. Paleontologicheskii institut AN SSSR.

ASTROVA, Galina Georgiyevna; SARYCHEVA, T.G., otv. red.; BALANTAROV,
A.P., red.

[Morpholog. history of the development, and the system of Ordovician
and Silurian Polyzon.] Morfologii, istoria razvitiia i sistema ordo-
vikskikh i siluriiskikh mshanok. Moskva, Nauka, 1965. 431 p. (Akademiia
nauk SSSR. Paleontologicheskii institut. Trudy, no.106) (MIRA 18:5)

IL'INA, Tamara Gennadiyevna; SARYCHEVA, T.G., otv. red.

[Late Permian and Early Triassic tetrastrate corals in Transcaucasia] Chetyrekhluhevye korally pozdnei permi i rannego triasa Zakavkaz'ia. Moskva, Nauka, 1965. 103 p. illus. (Akademiia nauk SSSR. Paleontologicheskii institut. Trudy, no.107). (MIRA 18:7)

BUZHINSEV, V.Ye., otv. red.; SARYCHEVA, T.G., otv. red.

[Development and succession of marine organisms during
the transition from the Paleozoic to the Mesozoic.]
Razvitie i smena morskikh organizmov na rubezhe paleo-
zoda i mezozoa. Moskva, Nauka, 1968. 430 p. (Akademiia
nauk SSSR, Paleontologicheskii institut. Trudy, vol.108)
(MIRA 18:9)

STRAKHOV, N.M.; LANGE, O.K.; YABLOKOV, V.S.; SARYCHEVA, T.G.;
OVCHINNIKOV, A.M.; SHCHEGOLEV, D.I.; KRASHENINNIKOV, G.F.;
MENYAYLENKO, P.A.; KALEDA, G.A.; ANUFRIYEV, A.A., student

Mikhail Sergeevich Shvetsov, 1885- . Izv. vys. ucheb. zav.;
geol. i razv. 8 no.11:7-13 N '65. (MIRA 18:12)

1. Moskovskiy geologorazvedochnyy institut (for Anufriyev).

SARYCHEVA, V.S., inzh.

Analysis of technical and economic factors relating to polygonal and segmental metal-wood trusses. Nauch.dokl.vys.sbkoly; stroi. no.h: 163-171 '58. (MIRA 12:7)

1. Rekomendovana kafedroy derevyannykh konstruksiy Moskovskogo inzhenerno-stroitel'nogo instituta imeni V.V. Kuybysheva. (Trusses)

SARYCHEVA, Ye. A.

USSR/Physical Chemistry - Kinetics, Combustion, Explosions, Topo-chemistry, Catalysis.

B-9

Abs Jour: Referat. Zhurnal Khimiya, No 2, 1958, 3905.

Author : I. Ya. Tyuryayev, A.N. Bushin, R.K. Mikhaylov, Ye. A. Sarycheva.

Inst :

Title : Speed of Catalyst Carbonization at n-Butane Dehydrogenation.

Orig Pub: Zh. fiz. khimii, 1957, 31, No 1, 93-99.

Abstract: The carbonization speed of aluminochrome oxide catalyst (in the shape of half and quarter pellets about 6 mm in dia) was studied in the reaction $C_4H_{10} \rightarrow C_4H_8$ at 510 to 600°, at volume speeds of 400 to 2560 hour⁻¹ and at the cycle duration of 3 to 68 min. It was found that under the conditions of the experiment, the amount of deposited carbon determined by the amount of CO₂ liberated at the catalyst regeneration does not almost depend on the volume speed and the catalyst grain size. The

Card : 1/2

-31-

ACCESSION NR: AR 4020783

S/0169/64/000/001/G027/G027

SOURCE: RZh. Geofizika, Abs, 1G186

AUTHORS: Pariyskiy, N. N.; Gridnev, D. G.; Barsenkov, S. N.; Sary*cheva, Yu. K.; Kramer, M. V.

TITLE: Tidal variations of the force of gravity in Tashkent

CITED SOURCE: Sb. Izuch. zemn. prilivov. No. 3. M., AN SSSR, 1963, 9-39

TOPIC TAGS: Tidal gravity variation, gravimeter

TRANSLATION: Results are given of an analysis of observations of tidal variations of gravity in Tashkent carried out at the Astronomical Observatory with two Askaniy gravimeters in the course of 7 months. Each gravimeter was used to carry out 16 monthly analyses by two methods: that of Pertsev and that of Lekalaze. The agreement between the results obtained by the two methods was very good. On the average, the Pertsev method gave $\delta = 1.148 \pm 0.001_2$, and the Lekalaze method gave $\delta = 1.147 \pm 0.001_3$ for the waves

Card 1/2

ACCESSION NR: AR4020763

M_2 , S_2 , and O_1 .

The value of $\hat{\sigma}$ obtained in this work and greater by 1% than the value published earlier (see preceding report) is explained by the larger volume of processed data and principally by the fact that the effect of the instrument drift on the determination of the calibration factors was taken into account, using the method due to Yu. S. Dobrokhotov.

DATE ACQ: 03Mar64

SUB CODE: AS

ENCL: 00

Card 2/2

KARATAYEV, G.I.; SERBULENKO, M.G.; GUSEV, Yu.M.; KOLMOGOROVA, P.P.;
LUK'YANOVA, N.N.; PUCHKOV, Ye.P.; SARYCHEVA, Yu.K.

Solution of some problems in gravity and magnetic prospecting
by means of computers. Trudy Inst. geol. i geofiz. Sib. otd.
AN SSSR no.21:22-88 '63. (MIRA 17:11)

SARYCHEVA, Yu.K.; NIKOLAYEV, V.V.

Harmonic analysis of tidal variations in the force of gravity
by R. Lekolaze's method using an electronic computer. Trudy
Inst. geol. i geofiz. Sib. otd. AN SSSR no.21:102-121 '63.

(MIRA 17:11)

SARICHEVA, Z.A. [Sarycheva, Z.A.]

Station study of steppe vegetation in the Streletskoye Steeps
Preserve. Ukr.bot.zhur. 16 no.4:79-90 '59. (MIRA 12:11)

1. Institut botaniki AN USSR, otdel geobotaniki.
(Streletskoye Steeps Preserve--Botany--Ecology)

SARYCHEVA, Z.A.

Seasonal changes in the steppe vegetation of Mikhaylovskaya
Virgin Steppe Preserve. Ukr. bot. zhur. 22 no.4:58-62 '65.
(MIRA 18:10)

1. Institut botaniki AN UkrSSR, otdel geobotaniki.

SARYCHEVA, Z.A.

Effect of various mowing dates on the steppe vegetation of
Mikhaylovskaya Virgin Steppe Preserve. Ukr. bot. zhur. 19
no.4:40-54 '62. (MIRA 15:9)

1. Institut botaniki AN Ukr-SSR, otdel geobotaniki.
(Mikhaylovskaya Virgin Steppe Preserve--Pasture research)

SARYCHEVA, Z.A.

Seed production of some steppe plants in Mikhaylovskaya Virgin Steppe Preserve. Ukr. bot. zhur. 19 no.6:82-91 '62. (MIRA 16:2)

1. Institut botaniki AN UkrSSR, otdel geobotaniki.
(Mikhaylovskaya Virgin Steppe Preserve—Steppe Flora)
(Mikhaylovskaya Virgin Steppe Preserve—Seed production)

SARYCHEVA, Z.A.

Renewal of steppe vegetation in the Mikhaylovakaya Virgin Steppe
Preserve after the cessation of plowing. Ukr. bot. zhur. 20 no.3:
64-75 '63. (MIRA 17:9)

1. Otdel geobotaniki Instituta botaniki AN UkrSSR.

SARYE', A. M.

Eye--Diseases and Defects

Unusual case--eyelashes in the vitreous humor. Vest. oft., 30, No. 6, 1951

9. MONTHLY LIST OF RUSSIAN ACCESSIONS, Library of Congress, March 1952. Uncl.

EXCERPTA MEDICA Sec.12 Vol.12/2 Ophthalmology Feb. 58

SARYEV, A.M.

213. THE NEXT TASK IN THE ORGANIZATION OF THE CAMPAIGN AGAINST TRACHOMA IN TURKMEN SSR (Russian text). Saryev A. M. TRUD. TURKMEN TRAKH. INST. 1956, 4 (5-10)

The author considers that the next tasks in organizing the struggle against trachoma are: the dispensary method of seeing to the patients, accurate registration and complete inclusion for treatment of all cases of manifest disease, appropriate distribution and disposition of staff, the use of the most rational ways and means of combating the disease, the tackling of the problem of deletion from the register of those cured, the organization of the health education services, organized planning and practical aid for medical workers, and guidance and control on the part of the public health services and soviet and party organizations. (S)

EXCERPTA MEDICA Sec.12 Vol.12/2 Ophthalmology Feb. 58

SARYEV, A.M.

211. SOME DATA ON THE CLINICAL PICTURE OF TRACHOMA IN TURKMENIA GAINED BY INVESTIGATIONS OF THE POPULATION (Russian text).
Saryev A. M. TRUD. TURKMEN TRAKH. INST. 1956, 4 (43-46)

Data are presented on the age and sex distribution of patients with trachoma, on the distribution according to stage and clinical form and the degree of infiltration in trachoma III and on the forms and frequency of complications associated with the disease. (S)

SARYGIN, A.V., polkovnik, Geroy Sovetskogo Soyuza, zasluzhennyy
letchik-ispytatel' SSSR

First flight on a new plane. Vest.Vozd.Fl. no.2:
24-26 F '60. (MIRA 13:7)
(Airplanes—Piloting)

Name: SARYGIN, Ivan Ivanovich

Dissertation: Treatment of diffusion-purulent septic post-abortion peritonitis: by the surgical method with suture of suspended enterostomy

Degree: Doc Med Sci

Affiliation: [not indicated]

Defense Date, Place: 5 Mar 56, Council of 2nd Moscow State Med Inst imeni Pirogov

Certification Date: 7 Sep 57

Source: BMVO 22/57

2

SARYKALINA, A.D. Cand Agr Sci -- (diss) " ~~The~~ Change in the physico-chemical properties of ~~the~~ soils in ~~the~~ bottom land ~~near~~ the river bed under the influence of irrigation and agricultural utilization. (On the example of the Moskvoret^askaya bottom land of ~~the~~ Ramenskiy Rayon)." Mos, 1958. 17 pp (Mos Order of Lenin Agr Acad im K.A. Timiryazev). 100 copies. (KL, 37-58, 111-112).

J

COUNTRY : USSR
 CATEGORY : Soil Science. Fertilizers.
 ABS. JOUR. : RZnEiol., No. 4, 1959, No. 15439
 AUTHOR : Sarykalina, A.D.
 INST. : All-Union Acad. of Agric. Sciences im. V. I. Lenin
 TITLE : The Problem of Irrigating Moscow River Bottom
 Land After the Example of the "Plamya" Kolkhoz
 in Ramenskiy Rayon.
 ORIG. PUB. : Dokl. VASKhNIL, 1958, No. 5, 25-30
 ABSTRACT : Natural meadow and tilled soils in use for 25 to
 30 years under vegetable crops were studied.
 The soils are turf-meadow light loams, with
 ground water 2.5 - 3.5 m deep. Data for a three
 year period on the productivity of the vegetable
 and grass crops are presented for both irrigated
 and unirrigated sections. It is noted that
 physical water properties of the turf-meadow
 bottomland soils favorable to the vegetable
 crops are produced by their watertight structure.

Card: 1/2

CATEGORY :

ABS. JOUR. : RZBiol., No. 4, 1959, No. 15439

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : When virgin bottomland soils were brought into use under vegetables, a marked disturbance in structure was found solely in the first years. Irrigation produced about 1.5 times greater vegetable yields than without irrigation.--G.V. Dobrovol'skiy

CARD: 2/2

USSR / Soil Science. Cultivation. Melicration, Erosion. J

Abs Jour: Ref Zhur-Biol., No 21, 1958, 95787.

Author : ~~Sarykalina, A. D.~~

Inst : Not given.

Title : Use of Soils of the Moscow River Valley.

Orig Pub: Zemeledeliye, 1958, No 4, 88-90.

Abstract: Results are cited of the study of fertility of the bottom land soils in the littoral area of the Moscow river in Ramenskiy Rayon, Moskovskaya Oblast. Lightly-clayey varieties of soils predominate. Humus content in the soils changes little from year to year (3.1-3.6%). The greatest quantity of nitrates is noted under cabbage under cover of perennial grasses - 2-34 mg per 1 kg of soil. The Ca and Ma content in soils of the river valley reaches, respectively, 22.2 and 5.8 in

Card 1/2

SARYKALINA, A.D., kand.sel'skokhozyaystvennykh nauk; MERSHIN, A.P., kand.-
sel'skokhozyaystvennykh nauk, dotsent

Physical and chemical changes in soils of the Moskva River flood-
lands as a result of irrigation and cultivation. Izv. TSKhA
no.4:86-96 '61. (MIRA 14:9)
(Moskva Valley--Soils)

SARYKULOV, D.

Water economy of the Kazakh S.S.R.; on the 40th anniversary of the formation of the republic. Gidr. i mel. 13 no.1:3-11 Ja '61.
(MIRA 14:2)

1. Ministr vodnogo khozyaystva Kazakhskoy SSR.
(Kazakhstan--Water supply, Rural)

SARYKULOV, D.

Outlook for rice culture in irrigated soils of Kazakhstan.
Gidr. i mel. 13 no.3:27-33 Mr '61. (MIRA 14:8)

1. Ministr vodnogo khozyaystva Kazakhskoy SSR.
(Kazakhstan--Rice)

SARYKULOV, D.S.

Water supply of pastures in Kazakhstan and the improvement in their utilization. Gidr. i mel. 15 no.2:1-8 F '63.
(MIRA 16:4)

1. Ministr vodnogo khozyaystva Kazakhskov SSR.
(Kazakhstan--Pastures and meadows)
(Kazakhstan--Water supply, Rural)

BARYKULOV, D.S.

Water resources of Kazakhstan and their use for irrigation and water supply. Gidr. i mel. 14 no.1:10-21 Ja '63. (MIRA 16:2)

1. Ministr vodnogo khozyaystva Kazakhskoy SSR.
(Kazakhstan—Water resources development)

SARYLOVA, K.P.

Diagnosis of rheumatism in children. *Pediatrics* no.5:22-27 S-O '54.
(MLRA 7:12)

1. Is. fakul'tetskoy detskoy kliniki (nauchnyy rukovoditel' prof.
D.D.Lebedev) II Moskovskogo meditsinskogo instituta imeni I.V.Stalina.
(RHEUMATISM, in infant and child,
diag.)

SARYLOVA, K.P., dotsent; TOTOCHENKO, V.K.; LAVROV, I.V.; BOGOMOLOVA, N.I.
KUROV, V.D.

Clinical aspects of hemorrhagic capillarotoxicosis in children.
Pediatria no.4:55-58 J1-Ag '55. (MLRA 8:12)

1. Iz fakul'tatskoy detskoy kliniki II Moskovskogo meditsinskogo
instituta (zav.-prof. P.A.Ponomareva)
(PURPURA, MONTHROMBOPENIC, in infant and child)

SARYLOVA, K.P.; KUZNETSOV, L.I.; YEROFNYEVA, L.I.

Treatment of Botkin's disease in children. *Pediatr*ia 39 no.6:43-46
N-D '56. (MLRA 10:2)

1. Iz fakul'tetskoy detskoy kliniki (zav. - prof. P.A.Ponomareva)
na baze II Moskovskogo gosudarstvennogo meditsinskogo instituta
imeni I.V.Stalina i 4-y gorodskoy bol'nitsy Zhdanovskogo rayona
(glavnyy vrach Yu.A.Maksimova)
(HEPATITIS, INFECTIOUS, in infant and child,
ther. (Rus))